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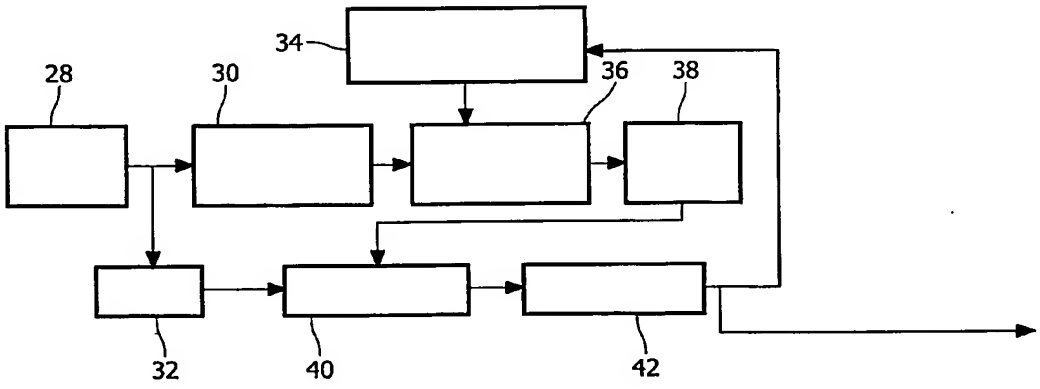
[Continued on next page]

(54) Title: TRACKING OF A SUBIMAGE IN A SEQUENCE OF IMAGES



(57) Abstract: The method provides the identification, in a succession of acquired images each formed from a matrix of pixels, of a following sub-image extracted from a following acquired image corresponding to a prior sub-image extracted from a prior acquired image. The method comprises the steps of: - calculating, for the prior sub-image, at least one distribution of a characteristic quantity of each pixel for blocks forming a predefined partitioning of the sub-image; - calculating the same distribution for at least two would-be sub-images of the second format extracted from the following acquired image; and - determining the corresponding following sub-image from among the would-be sub-images, as the sub-image where the or each calculated distribution has the highest correlation with the same calculated distribution for the prior sub-image.

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